SELF-CONFIGURING COMMUNICATIONS MODULE ADAPTIVE TO DIFFERENT HOST SYSTEM TYPES

ABSTRACT

A communications module that includes a host interface port, a network medium interface port, and a protocol handler is described. The host interface port is connectable to a media access control interface of a host system. The network medium interface port is connectable to a network medium. The protocol handler is operable to identify a communications protocol compatible with the host system and to adaptively self-configure communications between the host interface port and the network medium interface port in accordance with the identified compatible communications protocol. A method of self-configuring a communications module also is described.